

This listing of claims will replace all prior versions, and listings, of claims in the applications:

Listing of Claims:

Claim 1. (Currently Amended) A heat exchanger comprising:
a first aluminum member coated with a first portion of a resin; and
a second aluminum member coated with a second portion of said resin, wherein
said first aluminum member is fixed to said second aluminum member via said first portion of
said resin and said second portion of said resin, and wherein said first aluminum member is
separated from said second aluminum member by said first portion of said resin and said second
portion of said resin.

Claim 2. (Previously Presented) The heat exchanger of claim 1, wherein at least one
constituent part of said heat exchanger comprises said first aluminum member and said second
aluminum member.

Claim 3. (Original) The heat exchanger of claim 1, wherein said heat exchanger is a
stacked-type heat exchanger having at least one heat transfer tube and at least one fin, said at
least one heat transfer tube and said at least one fin being stacked alternately.

Claim 4. (Original) The heat exchanger of claim 3, wherein said at least one heat
transfer tube is formed by a pair of tube plates, such that flange portions of said pair of tube
plates are connected.

Claim 5. (Previously Presented) The heat exchanger of claim 1, wherein each of said
first and second portions of said resin is a thermoplastic resin.

Claim 6. (Previously Presented) The heat exchanger of claim 1, wherein each of said
first and second portions of said resin is a thermosetting resin.

Claim 7. (Previously Presented) The heat exchanger of claim 1, wherein each of said
first and second portions of said resin provides lubricity.

Claim 8. (Previously Presented) The heat exchanger of claim 1, wherein each of said
first and second portions of said resin is a polyester resin.

Claim 9. (Previously Presented) The heat exchanger of claim 1, wherein each of said
first and second portions of said resin is a nylon resin.

Claim 10. (Previously Presented) The heat exchanger of claim 1, wherein each of said
first and second portions of said resin is a vinylidene fluoride resin.

Claim 11-12. (Cancelled)

Claim 13. (Withdrawn) A method for manufacturing a heat exchanger, comprising the steps of:

coating a surface of an aluminum member with a resin;
cutting said aluminum member to a predetermined size; and
connecting said aluminum member to another resin-coated aluminum member by fusing said resin.

Claim 14. (Withdrawn) The method of claim 13, further comprising the step of:
molding said aluminum member with a die press.

Claim 15. (Withdrawn) The method of claim 13, further comprising the steps of:
stacking a plurality of heat transfer tubes and a plurality of fins alternately, said heat transfer tubes and said fins being made of said aluminum member; and
connecting said plurality of heat transfer tubes and said plurality of fins by fusing said resin.

Claim 16. (Withdrawn) The method of claim 15, further comprising the steps of:
forming said heat transfer tubes from a pair of tube plates;
coating each of said pair of tube plates with a resin; and
connecting said pair of tube plates by fusing said resin.

Claim 17. (Withdrawn) The method of claim 13, wherein said resin is a thermoplastic resin.

Claim 18. (Withdrawn) The method of claim 13, wherein said resin is a thermosetting resin.

Claim 19. (Withdrawn) The method of claim 13, wherein said resin provides lubricity.

Claim 20. (Withdrawn) The method of claim 13, wherein said resin is a polyester resin.

Claim 21. (Withdrawn) The method of claim 13, wherein said resin is a nylon resin.

Claim 22. (Withdrawn) The method of claim 13, wherein said resin is a vinylidene fluoride resin.

Claim 23. (Withdrawn) The method of claim 13, wherein a thickness of said resin coating is in a range between about 5 μ m and about 50 μ m.

Claim 24. (Withdrawn) A method for manufacturing a heat exchanger, comprising the steps of:

coating a surface of an aluminum member with a resin;
forming said aluminum member as a constituent part of said heat exchanger;
cutting said aluminum member to a predetermined size; and

connecting said aluminum member to another resin-coated aluminum member by fusing said resin.

- Claim 25. (Withdrawn) The method of claim 24, further comprising the step of: molding said aluminum member with a die press.
- Claim 26. (Withdrawn) The method of claim 24, further comprising the steps of: stacking a plurality of heat transfer tubes and a plurality of fins alternately, said heat transfer tubes and said fins being made of said aluminum member; and connecting said plurality of heat transfer tubes and said plurality of fins by fusing said resin.
- Claim 27. (Withdrawn) The method of claim 26, further comprising the steps of: forming each of said plurality of heat transfer tubes from a pair of tube plates; coating each of said pair of tube plates with a resin; and connecting said pair of tube plates by fusing said resin.
- Claim 28. (Withdrawn) The method of claim 24, wherein said resin is a thermoplastic resin.
- Claim 29. (Withdrawn) The method of claim 24, wherein said resin is a thermosetting resin.
- Claim 30. (Withdrawn) The method of claim 24, wherein said resin provides lubricity.
- Claim 31. (Withdrawn) The method of claim 24, wherein said resin is a polyester resin.
- Claim 32. (Withdrawn) The method of claim 24, wherein said resin is a nylon resin.
- Claim 33. (Withdrawn) The method of claim 24, wherein said resin is a vinylidene fluoride resin.
- Claim 34. (Withdrawn) The method of claim 24, wherein a thickness of said resin is in a range between about 5 μm and about 50 μm .
- Claim 35. (Withdrawn) A heat exchanger made according to the method of claim 13.
- Claim 36. (Withdrawn) A heat exchanger made according to the method of claim 24.